

WHAT IS CLAIMED IS:

1. A needle protector clip for protecting a tip of a needle, said needle protector clip comprising:

a proximal wall comprising an opening having a needle passing therethrough, the proximal wall defining a plane;

a first resilient arm extending distally to the plane of the proximal wall, the first resilient arm comprising a first arm section comprising a first dimension and a second arm section comprising a second dimension, wherein the first dimension is larger than the second dimension;

a second resilient arm extending distally to the plane of the proximal wall, the second resilient arm comprising a first arm section comprising a first dimension and a second arm section comprising a second dimension, wherein the first dimension is larger than the second dimension; and

wherein the first resilient arm crosses the second resilient arm at their respective second arm sections.

2. The needle protector clip of claim 1 made from a metal.

3. The needle protector clip of claim 2, wherein the metal is stainless steel.

4. The needle protector clip of claim 1, wherein the proximal wall has a width having a dimension greater than the second dimension of the second arm section of the first resilient arm.

5. The needle protector clip of claim 1, wherein the proximal wall has a width having a dimension greater than the second dimension of the second arm section of the second resilient arm.

6. The needle protector clip of claim 1, wherein the second dimension of the second arm section of the first resilient arm and the second dimension of the second arm section of the second resilient arm are substantially the same.
7. The needle protector clip of claim 1, wherein the first resilient arm further comprises a curved lip.
8. The needle protector clip of claim 7, wherein the second resilient arm further comprises a curved lip.
9. The needle protector clip of claim 8, wherein the first resilient arm and the second resilient arm each comprises a distal wall and wherein the curved lip extends from the distal wall.
10. The needle protector clip of claim 1, wherein the first resilient arm and the second resilient arm have arm portions that overlap.
11. The needle protector clip of claim 1 made from a unitary construction.
12. The needle protector clip of claim 9 made from a unitary construction.
13. The needle protector clip of claim 1, wherein the clip is positioned in an interior cavity of a catheter hub and wherein the needle is attached to a needle hub.
14. The needle protector clip of claim 13, wherein a portion of the needle protector clip contacts an interior surface of the interior cavity of the catheter hub.
15. The needle protector clip of claim 14, wherein the needle hub contacts the catheter hub.

16. The needle protector clip of claim 13, wherein the needle comprises a crimp or a bump.

17. The needle protector clip of claim 13, wherein the needle urges the first resilient arm and second resilient arm radially outwardly.

18. A needle protector clip for protecting a tip of a needle, said needle protector clip comprising:

a proximal wall comprising an opening having a needle passing therethrough, the proximal wall defining a plane;

a first resilient arm extending distally to the plane of the proximal wall and terminating in a distal arm wall, the first resilient arm comprising a first arm section comprising a first dimension and a second arm section comprising a second dimension, wherein the first dimension is larger than the second dimension;

a second resilient arm extending distally to the plane of the proximal wall and terminating in a distal arm wall, the second resilient arm comprising a first arm section comprising a first dimension and a second arm section comprising a second dimension, wherein the first dimension is larger than the second dimension; and

wherein the first resilient arm and the second resilient arm crosses one another and wherein the distal arm wall of the first resilient arm and the distal arm wall of the second resilient arm have portions that overlap.

19. A needle guard for shielding a needle tip comprising:

a proximal end wall having an opening for receiving a needle therethrough;

first and second arms each comprising a wide section, narrow section, and a distal wall at an end thereof, the first and second arms extending distally from the proximal end wall; and

wherein the first arm crosses the second arm and their respective distal walls overlap.

20. The needle guard of claim 19, wherein the distal walls of the first and second arms have portions that are generally parallel to the plane defined by the proximal end wall.

21. The needle guard of claim 19, wherein the needle guard is positioned in an interior cavity of a catheter hub and wherein a needle attached to a needle hub passes through the opening at the proximal end wall of the needle guard.

22. The needle guard of claim 21, wherein the catheter hub contacts the needle hub.

23. A protective needle guard for shielding a needle tip comprising:
a proximal end wall having an opening for receiving a needle therethrough;
first and second arms each comprising a wide section, narrow section, and a distal wall at
an end thereof, the first and second arms extending distally from the proximal end wall;
a finger located on an end of each distal wall and two side flaps are positioned on the
finger of either the first arm or the second arm; and
wherein the first arm crosses the second arm.

24. The protective needle guard of claim 23, wherein the side flaps are located on the
finger of the first arm.

25. The protective needle guard of claim 23, wherein the side flaps are located on the
finger of the second arm.

26. The protective needle guard of claim 23, wherein the side flaps are located on the
finger of the first arm and the finger of the second arm.

27. The protective needle guard of claim 23, further comprising an arm extension
member formed adjacent an edge of either the first arm or the second arm.

28. The protective needle guard of claim 27, wherein the arm extension member is
formed on each of the first arm and the second arm.

29. The protective needle guard of claim 23, wherein the needle guard is positioned in an interior cavity of a catheter hub and wherein a needle attached to a needle hub passes through the opening at the proximal end wall of the needle guard.
30. The protective needle guard of claim 25, wherein the needle guard is positioned in an interior cavity of a catheter hub and wherein a needle attached to a needle hub passes through the opening at the proximal end wall of the needle guard.
31. The protective needle guard of claim 27, wherein the needle guard is positioned in an interior cavity of a catheter hub and wherein a needle attached to a needle hub passes through the opening at the proximal end wall of the needle guard.
32. The protective needle guard of claim 27, wherein the side flaps each comprises two side edges and a tope edge.